

What is claimed is:

Self
1. A communication terminal apparatus comprising:

measurement means for measuring respective received levels of respective despread signals of a common control channel and a transmission directional controlled dedicated physical channel at respective reception timings;

delay profile generation means for generating respective delay profiles based on respective measured results;

calculation means for performing correlation calculation between a received level in the dedicated physical channel and another received level in the common control channel; and

determination means for selecting a path from a result of the correlation calculation to determine a reception timing of the path.

2. A communication terminal apparatus comprising:

measurement means for measuring respective received levels of respective despread signals of a common control channel and a transmission directional controlled dedicated physical channel at respective reception timings;

delay profile generation means for generating respective delay profiles based on respective measured

results;

preliminary selection means for selecting a path candidate at a reception timing of one channel;

calculation means for performing correlation
5 calculation between a received level of a selected path candidate and another received level in another channel;
and

determination means for selecting a path from a result of the correlation calculation to determine a
10 reception timing of the path.

3. A communication terminal apparatus comprising:

a first searcher having:

measurement means for measuring respective
15 received levels of respective despread signals of a common control channel and a transmission directional controlled dedicated physical channel at respective reception timings;

delay profile generation means for generating
20 respective delay profiles based on respective measured results;

calculation means for performing correlation calculation between a received level in the dedicated physical channel and another received level in the common
25 control channel; and

determination means for selecting a path from a result of the correlation calculation to determine a

reception timing of the path;

a second searcher having:

measurement means for measuring a received level of a despread signal of the common control channel;

5 delay profile generation means for generating a delay profile based on a measured result; and

determination means for selecting a path using the received level of the common control channel to determine a reception timing of the path, and

10 a second switch that switches the first searcher and the second searcher corresponding to presence or absence of transmission directional control.

4. A communication terminal apparatus comprising:

15 a first searcher having:

measurement means for measuring respective received levels of respective despread signals of a common control channel and a transmission directional controlled dedicated physical channel at respective 20 reception timings;

delay profile generation means for generating respective delay profiles based on respective measured results;

preliminary selection means for selecting a 25 path candidate at a reception timing of one channel;

calculation means for performing correlation calculation between a received level of a selected path

candidate and another received level in another channel; and

5 determination means for selecting a path from a result of the correlation calculation to determine a reception timing of the path;

a second searcher having:

measurement means for measuring a received level of a despread signal of the common control channel;

10 delay profile generation means for generating a delay profile based on a measured result; and

determination means for selecting a path using the received level of the common control channel to determine a reception timing of the path, and

15 a second switch that switches the first searcher and the second searcher corresponding to presence or absence of transmission directional control.

5. The communication terminal apparatus according to claim 2, further comprising:

20 a first searcher that switches a channel on which the path candidate is selected.

6. A radio reception method comprising:

the measurement step of measuring respective received levels of respective despread signals of a common control channel and a transmission directional 25 controlled dedicated physical channel at respective reception timings;

the delay profile generation step of generating

respective delay profiles based on respective measured results;

the calculation step of performing correlation calculation between a received level in the dedicated physical channel and another received level in the common control channel; and

the determination step of selecting a path from a result of the correlation calculation to determine a reception timing of the path.

10 7. A radio reception method comprising:

the measurement step of measuring respective received levels of respective despread signals of a common control channel and a transmission directional controlled dedicated physical channel at respective 15 reception timings;

the delay profile generation step of generating respective delay profiles based on respective measured results;

the preliminary selection step of selecting a path 20 candidate at a reception timing of one channel;

the calculation step of performing correlation calculation between a received level of a selected path candidate and another received level in another channel; and

25 the determination step of selecting a path from a result of the correlation calculation to determine a reception timing of the path.